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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
Sheet	1	of	3	Application Number	Not Yet Assigned
				Filing Date	April 16, 2004
				First Named Inventor	Howard E. Rhodes
				Art Unit	2813
				Examiner Name	T. Nguyen
				Attorney Docket Number	M4065.0105-C

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TM	AA	*4,374,700	02/1983	Scott et al.	
	AB	*5,055,900	10/1991	Fossum et al.	
	AC	*5,173,756	12/1992	Wong et al.	
	AD	*5,319,604	06/1994	Imondi et al.	
	AE	*5,461,425	10/1995	Fowler et al.	
	AF	*5,471,515	11/1995	Fossum et al.	
	AG	*5,541,402	07/1996	Ackland et al.	
	AH	*5,576,763	11/1996	Ackland et al.	
	AI	*5,612,799	03/1997	Yamazaki et al.	
	AJ	*5,614,744	03/1997	Merrill	
	AK	*5,625,210	04/1997	Lee et al.	
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	AM	*5,708,263	01/1998	Wong	
	AN	*5,721,425	02/1998	Merrill	
	AO	*5,731,622	03/1998	Sugiyama et al.	
	AP	*5,757,045	05/1998	Tsai et al.	
	AQ	*6,118,142	09/2000	Chen et al.	
	AR	*5,239,193	08/1993	Berton	
	AS	*4,972,244	11/1990	Buffet et al.	
	AT	*6,051,447	04/2000	Lee et al.	
	AU	*6,306,676	10/2001	Stevens et al.	
	AV	*6,350,127	02/2002	Chiang et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			

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¹ Applicant's unique citation designation number (optional). ² See attached Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>T. NGUYEN</i>	Date Considered
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>TN</i>	CA	*Dickinson, A., et al., <u>A 256x256 CMOS Active Pixel Image Sensor with Motion Detection</u> , 1995 IEEE International Solid-State Circuits Conference, pps. 226-227.
	CB	*Dickinson, A., et al., <u>Standard CMOS Active Pixel Image Sensors for Multimedia Applications</u> , Proceedings of Sixteenth Conference on Advanced Research in VLSI, March 27-29, 1995, pps. 214-224.
	CC	*Eid, E-S., et al., <u>A 256 x 256 CMOS Active Pixel Image Sensor</u> , Proc. SPIE Vol. 2415, April 1995, pps. 265-275.
	CD	*Fossum, E., <u>CMOS Image Sensors: Electronic Camera On A Chip</u> , 1995 IEEE, pps. 17-25.
	CE	*Fossum, E., et al., <u>IEDM A 37x28mm² 600k-Pixel CMOS APS Dental X-Ray Camera-on-a-Chip with Self-Triggered Readout</u> , 1998 IEEE International Solid-State Circuits Conference, pps. 172-173.
	CF	*Fossum, E., <u>Low Power Camera-on-a-Chip Using CMOS Active Pixel Sensor Technology</u> , 1995 IEEE, pps. 74-77.
	CG	*Fossum, E., <u>Architectures for focal plane image processing</u> , Optical Engineering, Vol. 28, No 8, August 1989, pps. 865-871.
	CH	*Janesick, J., et al., <u>New advancements in charge-coupled device technology - sub-electron noise and 4096x4096 pixel CCDs</u> , Proc. SPIE Vol. 1242, 1990, pps. 223-237.
	CI	*Kemeny, S.E., et al., <u>Update on focal-plane image processing research</u> , Proc. SPIE Vol. 1447, 1991, pps. 243-250.
	CJ	*Mendis, S., et al., <u>CMOS Active Pixel Image Sensor</u> , IEEE Transactions on Electron Devices, Vol. 41, No. 3, March 1994, pps. 452-453.
	CK	*Mendis, S.K., et al., <u>A 128 x 128 CMOS Active Pixel Image Sensor for Highly Integrated Imaging Systems</u> , 1993 IEEE, pps. 583-586.
	CL	*Mendis, S.K., et al., <u>CMOS Active Pixel Image Sensors for Highly Integrated Imaging Systems</u> , IEEE Journal of Solid-State Circuits, Vol. 32, No. 2, February 1997, pps. 187-197.
	CM	*Mendis, S.K., et al., <u>Design of a Low-Light-Level Image Sensor with On-Chip Sigma-Delta Analog-to-Digital Conversion</u> , Proc. SPIE Vol. 1900, July 1993, pps. 31-39.
	CN	*Mendis, S.K., et al., <u>Low-Light-Level Image Sensor with On-Chip Signal Processing</u> , Proc. SPIE Vol. 1952, November 1993, pps. 23-33.
	CO	*Mendis, S.K., et al., <u>Progress In CMOS Active Pixel Image Sensors</u> , Proc. SPIE Vol. 2172, May 1994, pps. 19-29.
	CP	*Nakamura, J., et al., <u>CMOS Active Pixel Image Sensor with Simple Floating Gate Pixels</u> , IEEE Transactions on Electron Devices, Vol. 42, No. 9, September 1995, pps. 1693-1694.
<i>TN</i>	CQ	*Nixon, R.H., et al., <u>256 x 256 CMOS Active Pixel Sensor Camera-on-a-Chip</u> , IEEE Journal of Solid-State Circuits, Vol. 31, No. 12, December 1996, pps. 2046-2050.

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TN	CR	*Nixon, R.H., et al., <u>256x256 CMOS Active Pixel Sensor Camera-on-a-Chip</u> , 1996 IEEE International Solid-State Circuits Conference, pps. 178-179.
	CS	*Panicacci, R., et al., <u>Programmable multiresolution CMOS active pixel sensor</u> , Proc. SPIE Vol. 2654, March 1996, pps. 72-79.
	CT	*Panicacci, R.A., et al., <u>128Mb/s Multiport CMOS Binary Active-Pixel Image Sensor</u> , 1996 IEEE International Solid-State Circuit Conference, pps. 100-101.
	CU	*Yadid-Pecht, O., et al., <u>CMOS Active Pixel Sensor Star Tracker with Regional Electronic Shutter</u> , IEEE Journal of Solid-State Circuits, Vol. 32, No. 2, February 1997, pps. 285-288.
	CV	*Yadid-Pecht, O., et al., <u>Wide dynamic range APS star tracker</u> , Proc. SPIE Vol. 2654, March 1996, pps. 82-92.
	CW	*Zarnowski, J., et al., <u>Imaging options expand with CMOS technology</u> , Laser Focus World, June 1997, pps. 125-130.
	CX	*Zhou, Z., et al., <u>A Cmos Imager with On-Chip Variable Resolution for Light-Adaptive Imaging</u> , 1998 IEEE International Solid-State Circuits Conference, pps. 174-175.
TN	CY	*Zhou, Z., et al., <u>A Digital CMOS Active Pixel Image Sensor For Multimedia Applications</u> , Proc. SPIE Vol. 2894, September 1996, pps. 282-288.

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